

ABSTRACT OF THE DISCLOSURE

A network having a plurality of nodes (A-D) in which node-specific data for parameterizing and/or configuring a first one of the nodes (B1) is stored in a second one of the nodes (C1) of the network. Operation intervention by a user is unnecessary when replacing or repairing the first node (B1) since the node-specific data can be transmitted from the second node (C1) to the first node (B1). A node is preferably a measuring transducer including a sensor and a microprocessor. The measuring transducer also includes a memory for application programs and parameter values. The measuring transducer communicates with the network via an interface. The parameters may contain characteristics of the sensor and the network configuration of nodes.